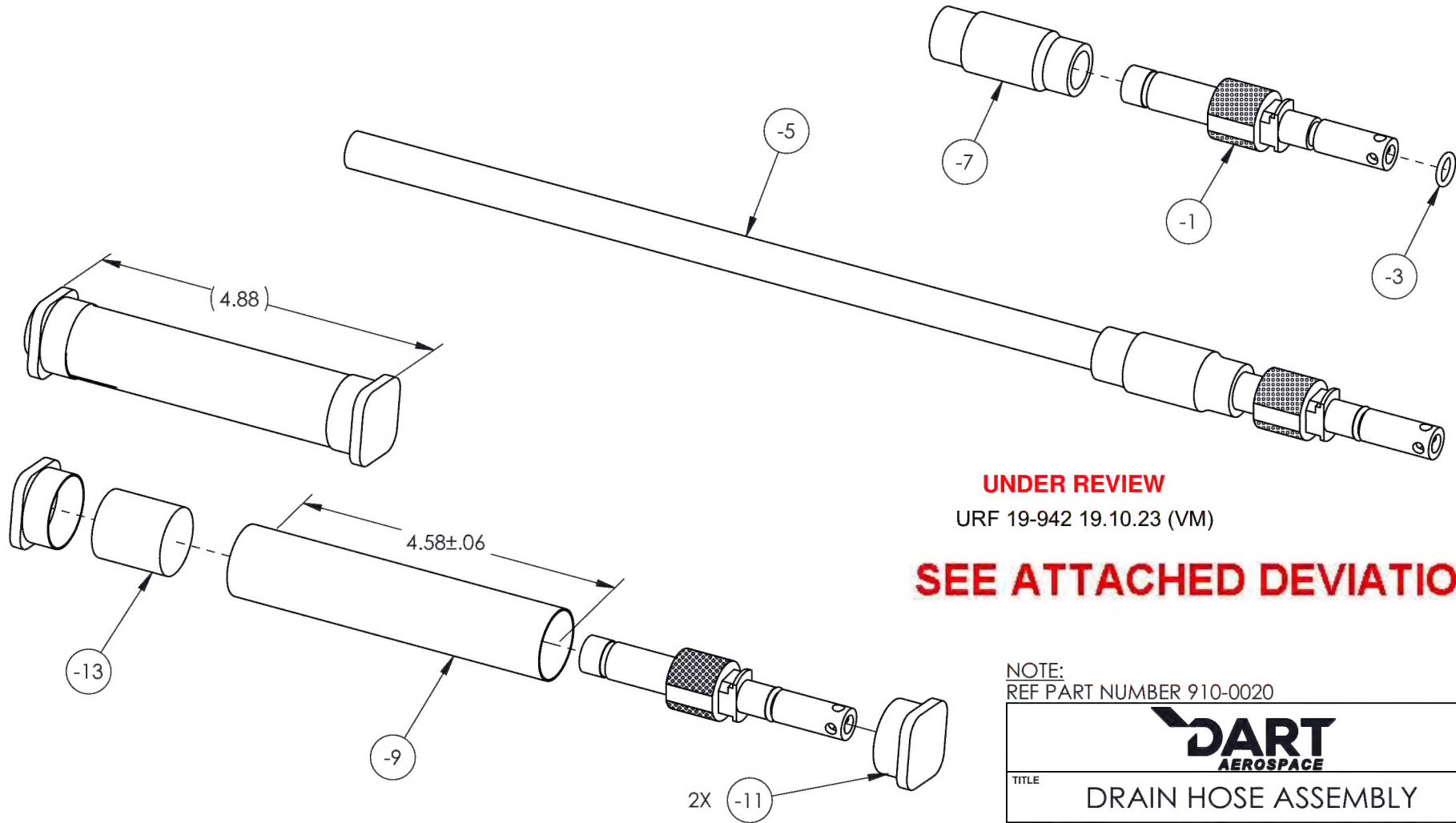


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0078	-9 CH'D DIM WAS 4.68 ± .06 IS 4.58 ± .06. -11 CH'D DIM WAS (4.98) IS (4.88) -13 CH'D MAT'L WAS LINT FREE SPONGE IS POLYESTER/POLYURETHANE.	7/15/2016	DEW	SM



**UNDER REVIEW**

URF 19-942 19.10.23 (VM)

**SEE ATTACHED DEVIATION**

NOTE:  
REF PART NUMBER 910-0020

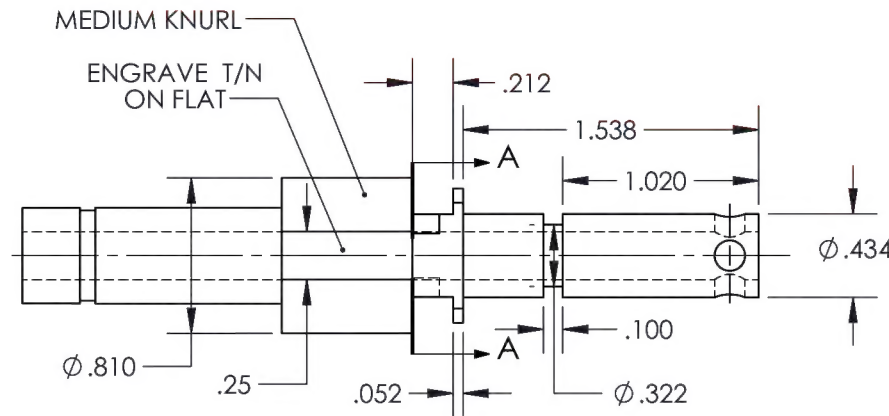
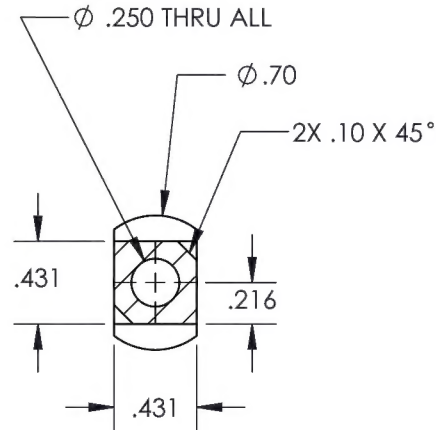
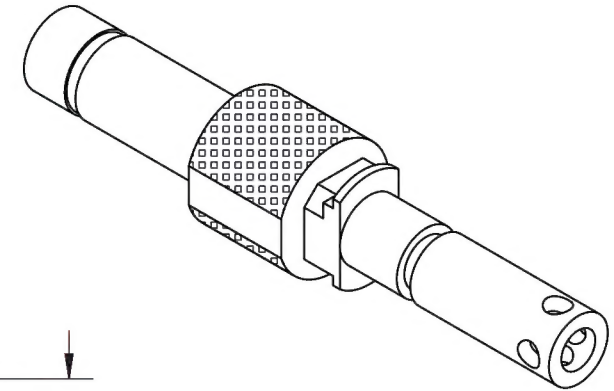
<b>DART AEROSPACE</b>																															
TITLE <b>DRAIN HOSE ASSEMBLY</b>																															
DWG NO. <b>RB910-0020</b>	REV <b>2</b>																														
<table border="1"> <tr> <td>MAT'L</td> <td>UNLESS OTHERWISE SPECIFIED</td> </tr> <tr> <td>REAT</td> <td>DIMENSIONS ARE IN INCHES</td> </tr> <tr> <td>TREAT</td> <td>.XXX ± .005 FRACTIONS ± 1/8</td> </tr> <tr> <td>FINISH</td> <td>.XX ± .01 ANGLES ± .5°</td> </tr> <tr> <td></td> <td>.X ± .1 SURFACES = 125</td> </tr> <tr> <td>SPEC</td> <td>1. BREAK ALL SHARP EDGES .015 x 45° OR .015R</td> </tr> <tr> <td>DRAWN BY:</td> <td>GILBERT</td> </tr> <tr> <td>CHECKED:</td> <td>DUERFELDT</td> </tr> <tr> <td>OPPS APPR:</td> <td>ANDERSON</td> </tr> <tr> <td>QA APPR:</td> <td>LINDSAY</td> </tr> <tr> <td>APPROVED:</td> <td>MACKOVJAK</td> </tr> <tr> <td>SCALE</td> <td>1:2</td> </tr> <tr> <td>DATE</td> <td>10/8/2012</td> </tr> <tr> <td colspan="2" style="text-align: center;">USED ON MODEL <b>BELL 429</b></td> </tr> <tr> <td colspan="2" style="text-align: center;">SHEET 1 OF 2</td> </tr> </table>		MAT'L	UNLESS OTHERWISE SPECIFIED	REAT	DIMENSIONS ARE IN INCHES	TREAT	.XXX ± .005 FRACTIONS ± 1/8	FINISH	.XX ± .01 ANGLES ± .5°		.X ± .1 SURFACES = 125	SPEC	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	DRAWN BY:	GILBERT	CHECKED:	DUERFELDT	OPPS APPR:	ANDERSON	QA APPR:	LINDSAY	APPROVED:	MACKOVJAK	SCALE	1:2	DATE	10/8/2012	USED ON MODEL <b>BELL 429</b>		SHEET 1 OF 2	
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SCALE	1:2																														
DATE	10/8/2012																														
USED ON MODEL <b>BELL 429</b>																															
SHEET 1 OF 2																															

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	1	FITTING	6061	Ø7/8 X 3-1/4	2
		B/O	-3	1	O-RING	VITON	2-011N70 OR MCMASTER-CARR #9263K642	1
		B/O	-5	1	HOSE	VINYL	Ø1/2 OD X Ø3/8 ID X 6 FT KURI-TECH #K010-0608	1
		B/O	-7	1	COUPLING	NICKEL-PLATED BRASS	Ø1/2 MCMASTER-CARR #51495K116	1
		B/O	-9	1	TUBE	POLYETHYLENE	Ø.93 MCMASTER-CARR #2044T46	1
		B/O	-11	2	CAP	VINYL	Ø.93 MCMASTER-CARR #2044T66	1
		B/O	-13	1	SPONGE	POLYESTER/POLYURETHANE	Ø.93 x 1 NEW PIG CORP #PAD210	1

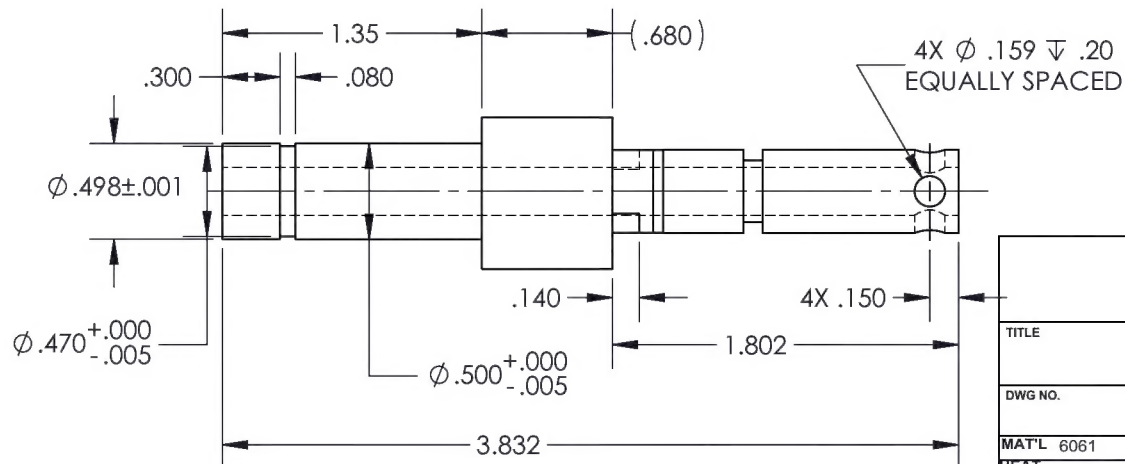
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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL

**SEE ATTACHED DEVIATION**



SECTION A-A  
SCALE 1 : 1



**UNDER REVIEW**

URF 19-942 19.10.23 (VM)

(-1)

FITTING



TITLE		DRAIN HOSE	
DWG NO.		RB910-0020-1	
REV		2	
MAT'L 6061		UNLESS OTHERWISE SPECIFIED	
HEAT TREAT		DIMENSIONS ARE IN INCHES	
FINISH RED ANODIZE		.XXX ± .005 FRACTIONS ± 1/8	
SPEC MIL-A-8625F, TYPE II, CLASS III		.XX ± .01 ANGLES ± 5°	
DRAWN BY: GILBERT		.X ± .1 SURFACES = 125	
CHECKED: DUERFELDT		1. BREAK ALL SHARP EDGES	
OPPS APPR: ANDERSON		.015 x 45° OR .015R	
QA APPR: LINDSAY		2. DIMENSIONAL LIMITS APPLY	
APPROVED: MACKOVJAK		AFTER PLATING	
SCALE 1:2		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DATE 10/8/2012		USED ON MODEL	
SHEET 2 OF 2		BELL 429	

Entered: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. \_\_\_\_\_

Route update only ☐

Job: _____  Part No. <u>RB910-0020 Rev. 2</u>	<b>DISPOSITION</b>  Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/>	<b>DEPARTMENT/PROCESS</b>  <div style="display: flex; justify-content: space-between;"> <div>           Skid-tube <input type="checkbox"/>            Machining <input type="checkbox"/>            Large Fab <input type="checkbox"/> </div> <div>           Cross tube <input type="checkbox"/>            Small Fab <input type="checkbox"/>            Finishing <input type="checkbox"/> </div> <div>           Eng. (Non-AW) <input type="checkbox"/>            Prod. Eng. Coord. <input type="checkbox"/>            Rec/Store/Packaging <input type="checkbox"/> </div> <div>           Engineering <input type="checkbox"/>            Water Jet <input type="checkbox"/>            Supplier Quality <input type="checkbox"/> </div> </div>		
Date : _____	Sequence #: _____	QTY Affected : _____		<b>MRB (QSI042)</b>  Oct 30, 2018
<b>Description Work Order Deviation</b>		<b>Disposition</b>		<b>Completed By</b>
Kuri-Tech Hose (K010-0608) easily pulls out of Coupling (McMaster Carr 51495K116)		Install a 1.0" long, 0.38" OD, 0.25" ID piece of Stainless Steel into one end of the Kuri-Tech Hose until flush.  Attach the modified end of the Kuri-Tech Hose to the Coupling before placing tool into packaging (if applicable).  This deviation is acceptable.  The fit, form and function of the part will be as originally intended.		Lead hand / Supervisor _____
				QC / QA Coordinator _____
				_____
<b>Root Cause</b>		<b>FAULT CATEGORY</b>		
<div style="display: flex; flex-direction: column;"> <div>Operator <input type="checkbox"/></div> <div>Manufacturing Process <input type="checkbox"/></div> <div>Equip/Tooling <input type="checkbox"/></div> <div>Handling/Presservation <input type="checkbox"/></div> <div>Material <input type="checkbox"/></div> <div>Product Improvement <input checked="" type="checkbox"/></div> <div>Process Improvement <input type="checkbox"/></div> <div>Human Factors <input type="checkbox"/></div> </div>		<div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <input type="checkbox"/> Pressure/Forced  <input type="checkbox"/> Bending  <input type="checkbox"/> Crushing  <input type="checkbox"/> Cracks  <input type="checkbox"/> Crimp/Kink/Ripple/Wave/Twist  <input type="checkbox"/> Marks/Chatter  <input type="checkbox"/> Mislabeled         </div> <div style="width: 50%;"> <input type="checkbox"/> Contamination  <input type="checkbox"/> Misaligned/off center  <input type="checkbox"/> BOM/Route  <input type="checkbox"/> Broken/Damage/Defect  <input type="checkbox"/> Incomplete/Unclear Instructions  <input type="checkbox"/> Drill Holes  <input type="checkbox"/> Fit/Function         </div> <div style="width: 50%;"> <input type="checkbox"/> Power Loss/Surge  <input type="checkbox"/> Folio/Program  <input type="checkbox"/> Grain Direction  <input type="checkbox"/> Weld  <input type="checkbox"/> Wrong Stock Pulled  <input type="checkbox"/> Out of Sequence  <input type="checkbox"/> Off-set/Set-up         </div> <div style="width: 50%;"> <input type="checkbox"/> Positioned Wrong  <input type="checkbox"/> Outside Tolerance  <input type="checkbox"/> Drawing  <input type="checkbox"/> Finish  <input type="checkbox"/> Part Lost/Missing  <input type="checkbox"/> Misread         </div> </div>		
Other/Details:				

UNDER REVIEW